

Data File : BM010567.D
Acq On : 13 Jun 2017 19:19
Operator : SJ/MA
Sample : I3522-02DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleID :
F5C78DL

Manual Integrations
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6/14/2017 2:57:25 PM

Quant Time: Jun 14 08:40:15 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 14 01:46:30 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	126761	20.00	ng/ul	0.00
18) Naphthalene-d8	10.68	136	416192	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.52	164	283288	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	733792	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1101969	20.00	ng/ul	0.00
83) Perylene-d12	23.77	264	1182509	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	2119	0.69	ng/uL	0.01
5) Phenol-d5	7.07	99	20923	2.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.22	67	12571	2.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.42	132	20252	2.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.60	113	16188	2.09	ng/ul	0.00
19) Nitrobenzene-d5	9.07	128	8748	2.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.78	143	11348	3.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.31	165	20108	2.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	15369	2.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.93	166	75381	3.20	ng/ul	0.00
46) Acenaphthylene-d8	14.22	160	77513	2.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	7766	2.21	ng/ul	0.01
57) Fluorene-d10	15.51	176	65097	3.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	11620	2.24	ng/ul	0.00
70) Anthracene-d10	17.36	188	110258	3.09	ng/ul	0.00
76) Pyrene-d10	19.66	212	135887	2.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.62	264	161352	2.93	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	13.98	163	35502	1.53	ng/ul	99
69) Phenanthrene	17.31	178	60128m	1.53	ng/ul	
71) Anthracene	17.40	178	67613	1.65	ng/ul	94
74) Fluoranthene	19.32	202	485242	10.07	ng/ul#	93
77) Pyrene	19.69	202	623838	10.99	ng/ul#	95
80) Benzo(a)anthracene	21.42	228	520914	8.38	ng/ul	98
82) Chrysene	21.47	228	498611m	8.88	ng/ul	
85) Benzo(b)fluoranthene	23.06	252	1424662m	20.70	ng/ul	
86) Benzo(k)fluoranthene	23.09	252	361266m	5.50	ng/ul	
88) Benzo(a)pyrene	23.66	252	587442m	8.61	ng/ul	
89) Indeno(1,2,3-cd)pyrene	26.13	276	353671	4.10	ng/ul#	97
90) Dibenzo(a,h)anthracene	26.13	278	110939m	1.49	ng/ul	
91) Benzo(g,h,i)perylene	26.87	276	237660	3.35	ng/ul#	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

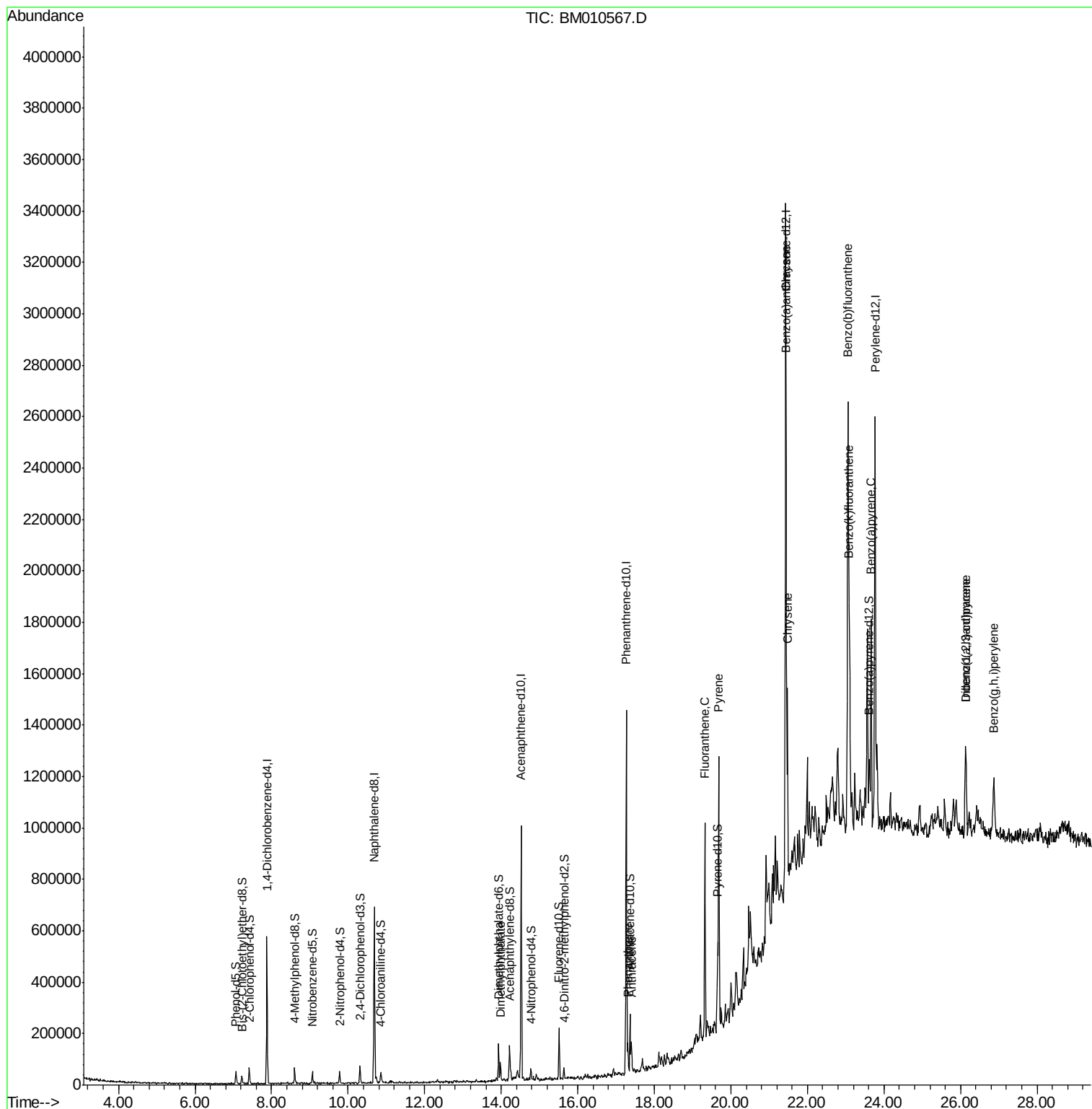
Data File : BM010567.D
Acq On : 13 Jun 2017 19:19
Operator : SJ/MA
Sample : I3522-02DL 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

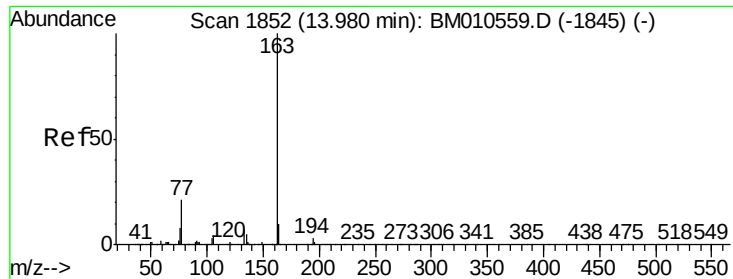
Instrument :
BNA_M
ClientSampleId :
F5C78DL

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Quant Title : SVOA CALIBRATION
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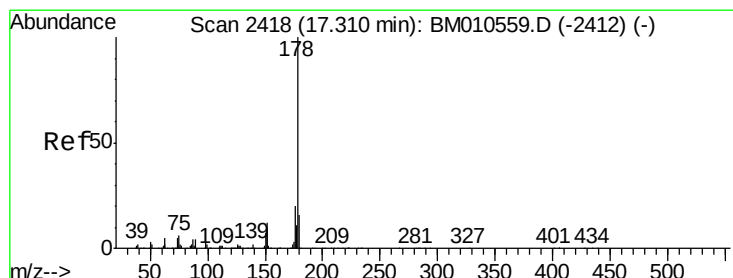
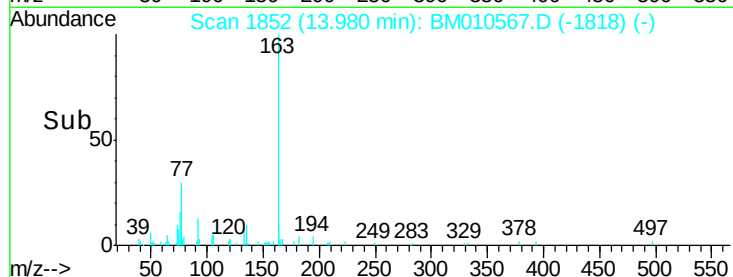
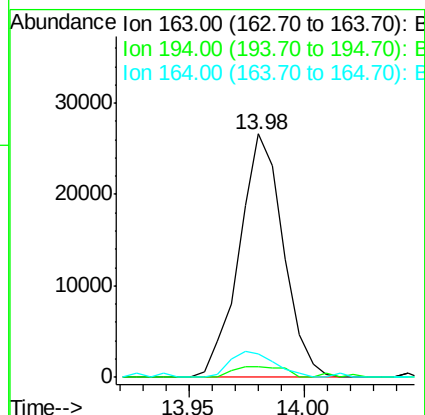
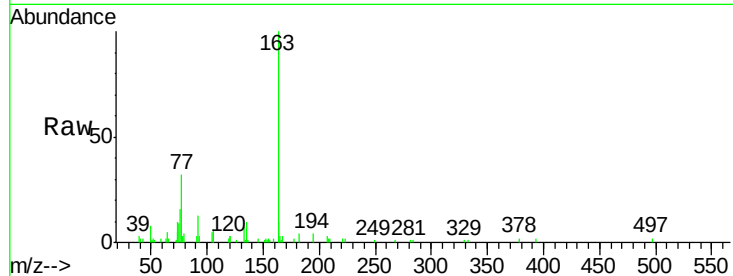
#44
Dimethylphthalate
Concen: 1.53 ng/ul
RT: 13.98 min Scan# 1852
Delta R.T. -0.00 min
Lab File: BM010567.D
Acq: 13 Jun 2017 19:19

Instrument :
BNA_M
ClientSampleId :
F5C78DL

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	35502		
194	4.3	3.5	5.3	
164	9.8	8.2	12.4	

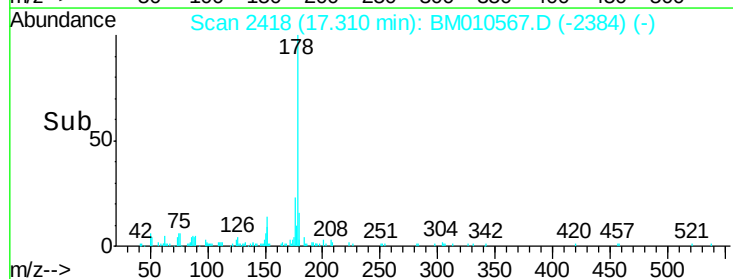
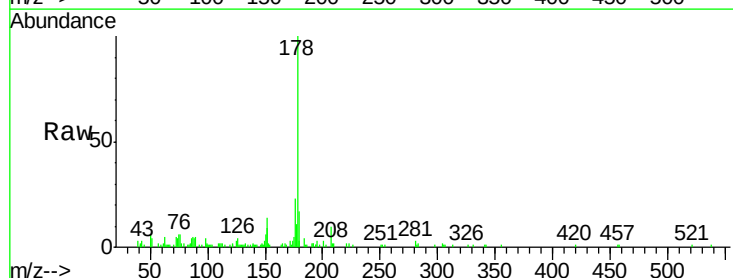
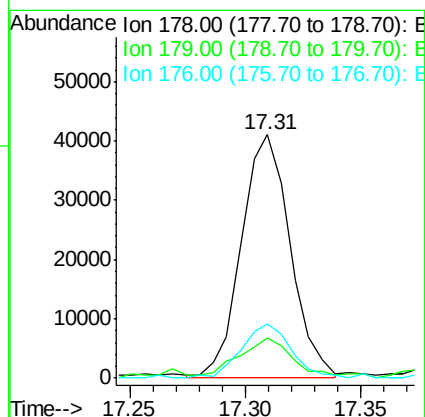
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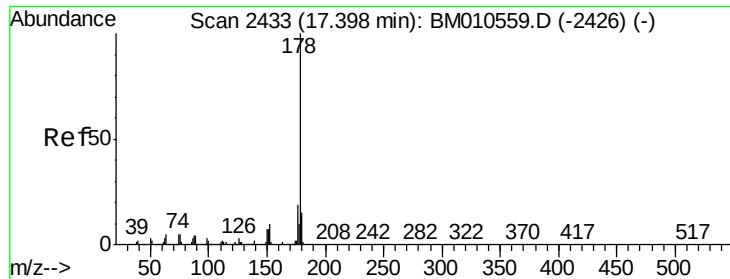
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#69
Phenanthrene
Concen: 1.53 ng/ul m
RT: 17.31 min Scan# 2418
Delta R.T. -0.00 min
Lab File: BM010567.D
Acq: 13 Jun 2017 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	60128		
179	16.7	12.6	19.0	
176	22.5	14.9	22.3#	





#71

Anthracene

Concen: 1.65 ng/ul

RT: 17.40 min Scan# 2434

Delta R.T. 0.01 min

Lab File: BM010567.D

Acq: 13 Jun 2017 19:19

Instrument :

BNA_M

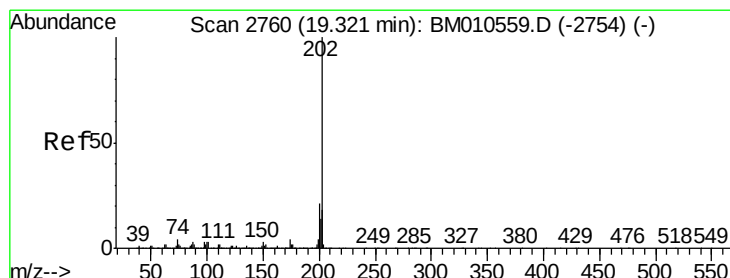
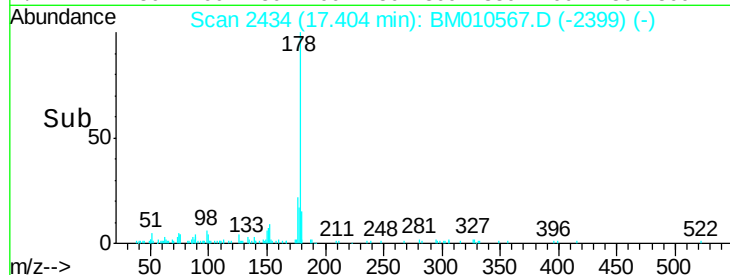
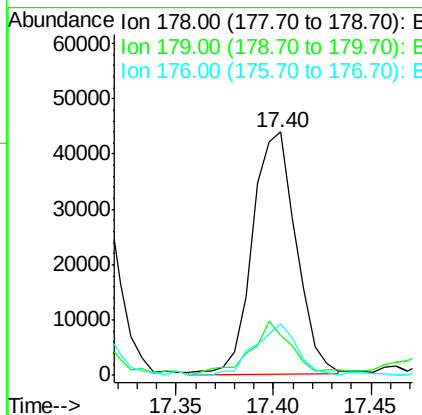
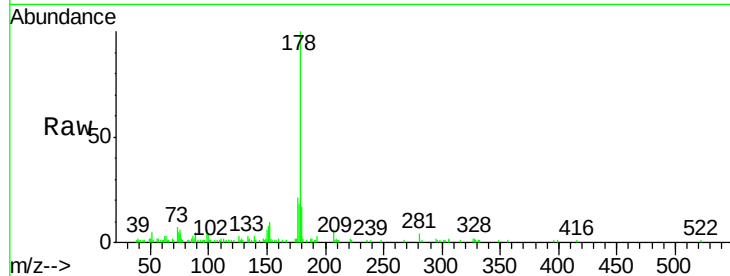
ClientSampleId :

F5C78DL

Tgt Ion:	178	Resp:	67613
Ion Ratio	Lower	Upper	
178	100		
179	16.6	11.7	17.5
176	21.4	14.6	21.8

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#74

Fluoranthene

Concen: 10.07 ng/ul

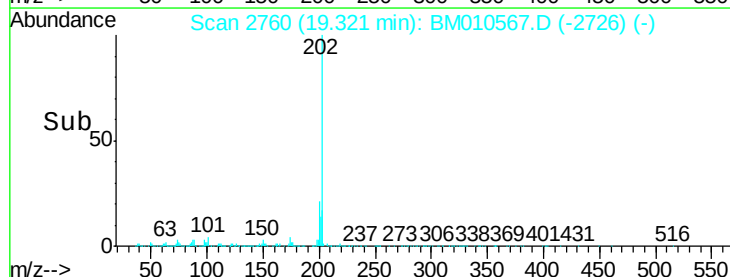
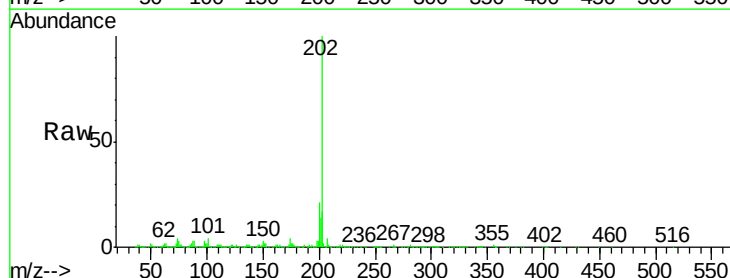
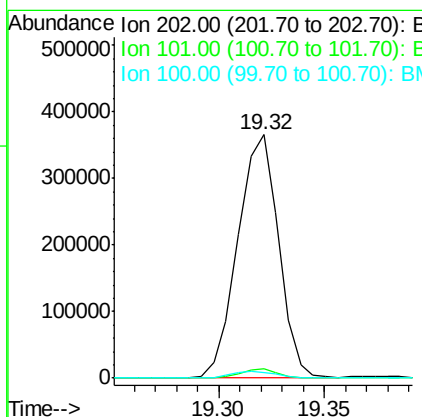
RT: 19.32 min Scan# 2760

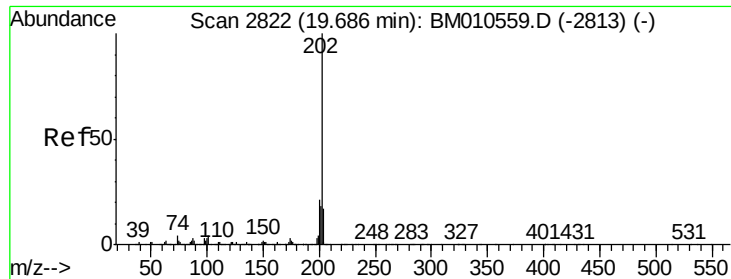
Delta R.T. -0.00 min

Lab File: BM010567.D

Acq: 13 Jun 2017 19:19

Tgt Ion:	202	Resp:	485242
Ion Ratio	Lower	Upper	
202	100		
101	3.6	4.6	7.0#
100	2.1	3.4	5.2#





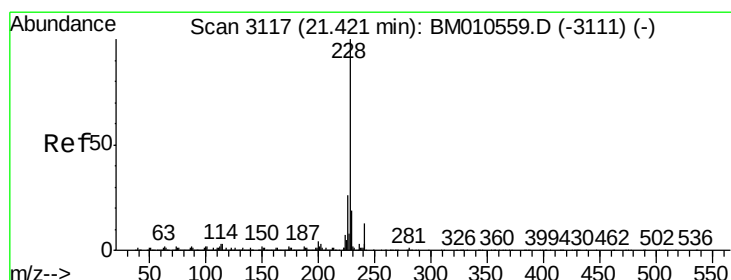
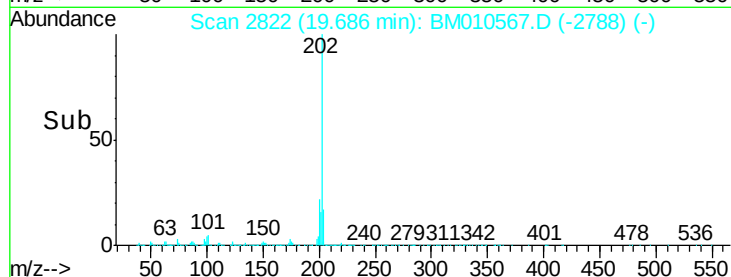
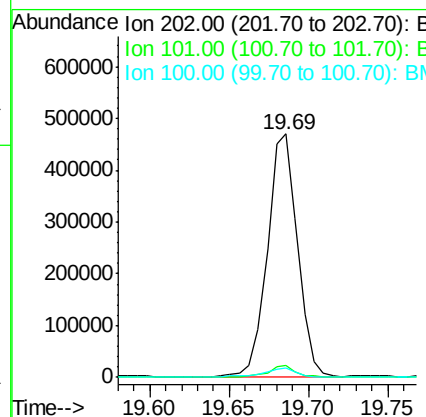
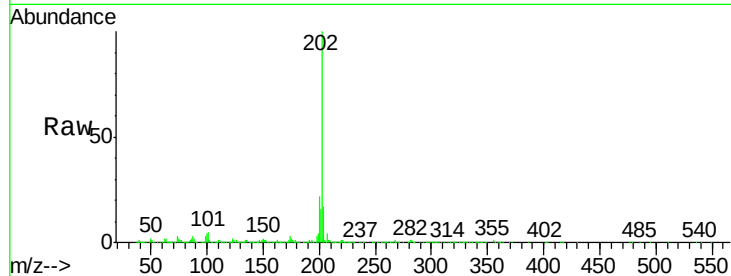
#77
 Pyrene
 Concen: 10.99 ng/ul
 RT: 19.69 min Scan# 2822
 Delta R.T. -0.00 min
 Lab File: BM010567.D
 Acq: 13 Jun 2017 19:19

Instrument :
 BNA_M
 ClientSampleId :
 F5C78DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	5.0	5.1	7.7#
100	3.9	4.9	7.3#

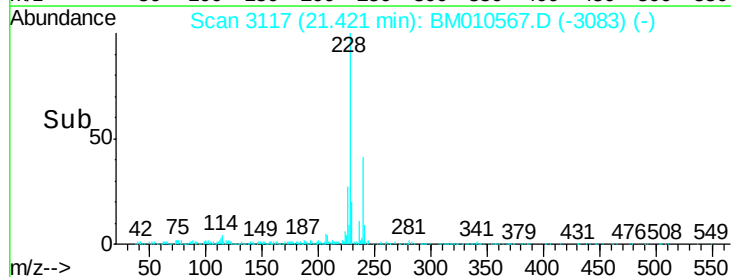
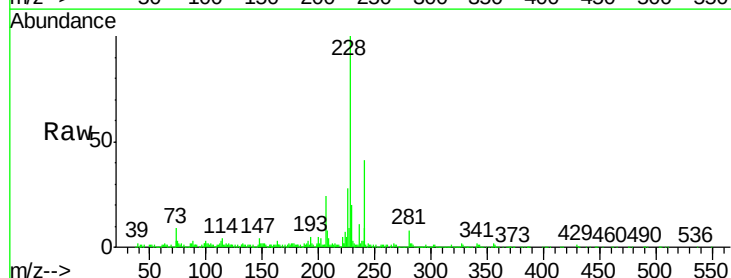
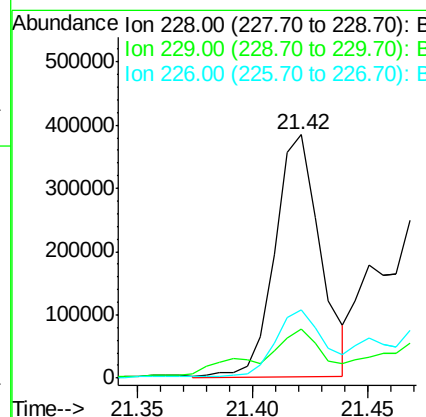
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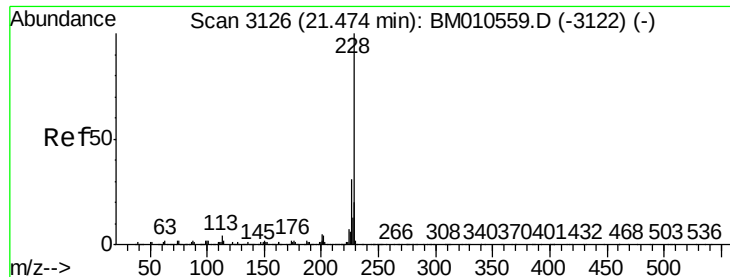
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#80
 Benzo(a)anthracene
 Concen: 8.38 ng/ul
 RT: 21.42 min Scan# 3117
 Delta R.T. -0.00 min
 Lab File: BM010567.D
 Acq: 13 Jun 2017 19:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.4	15.4	23.0
226	27.9	21.4	32.0





#82

Chrysene

Concen: 8.88 ng/ul m

RT: 21.47 min Scan# 3126

Delta R.T. -0.00 min

Lab File: BM010567.D

Acq: 13 Jun 2017 19:19

Instrument :

BNA_M

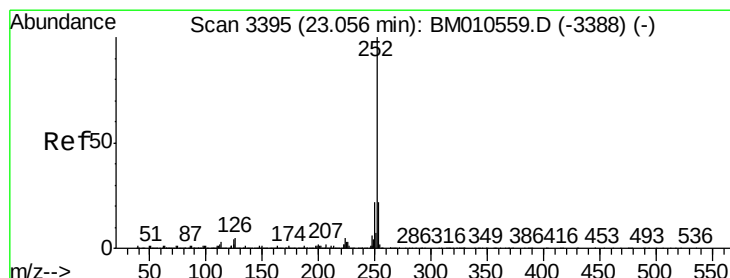
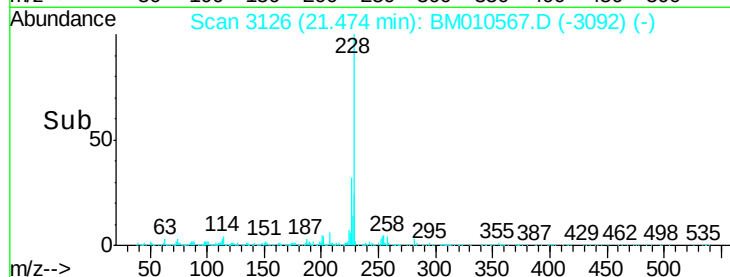
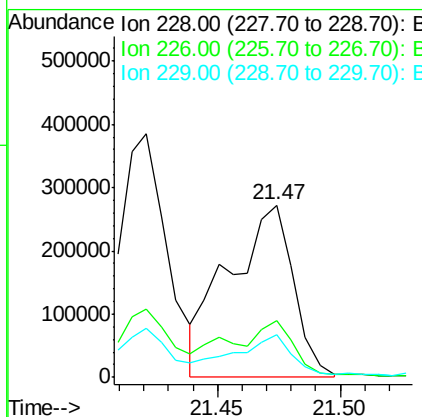
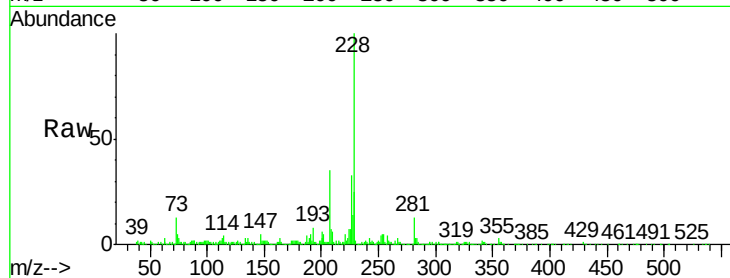
ClientSampled :

F5C78DL

Tgt Ion:	228	Resp:	498611
Ion Ratio	Lower	Upper	
228	100		
226	33.0	23.4	35.2
229	24.6	15.5	23.3#

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#85

Benzo(b)fluoranthene

Concen: 20.70 ng/ul m

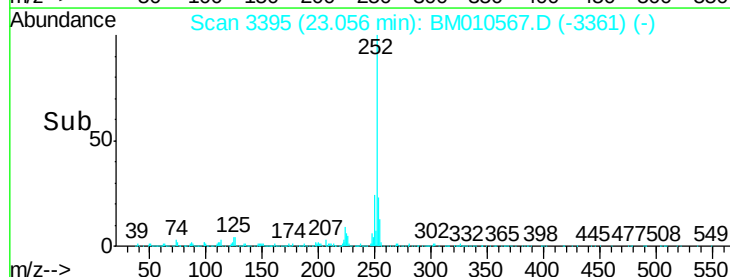
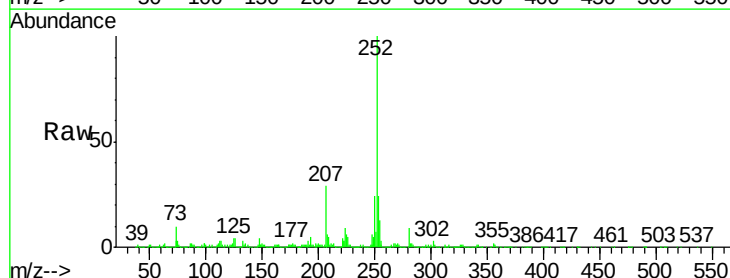
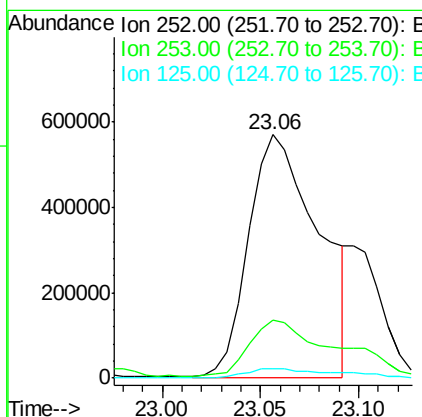
RT: 23.06 min Scan# 3395

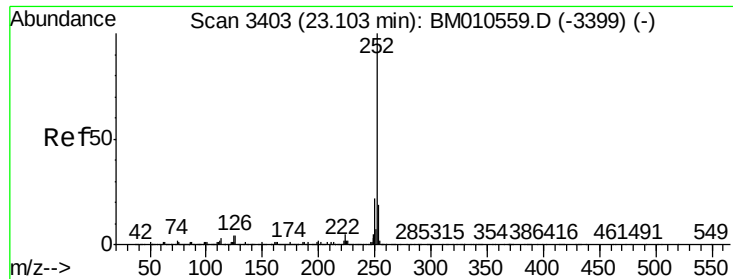
Delta R.T. -0.00 min

Lab File: BM010567.D

Acq: 13 Jun 2017 19:19

Tgt Ion:	252	Resp:	1424662
Ion Ratio	Lower	Upper	
252	100		
253	24.0	17.9	26.9
125	3.9	3.6	5.4





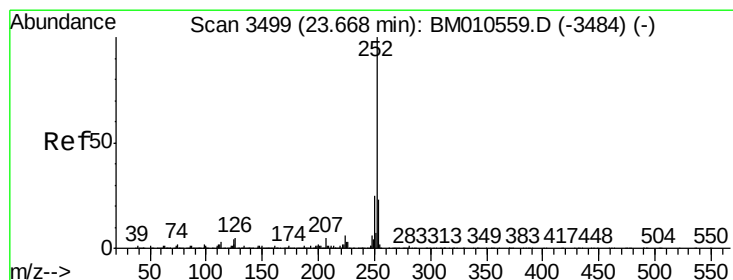
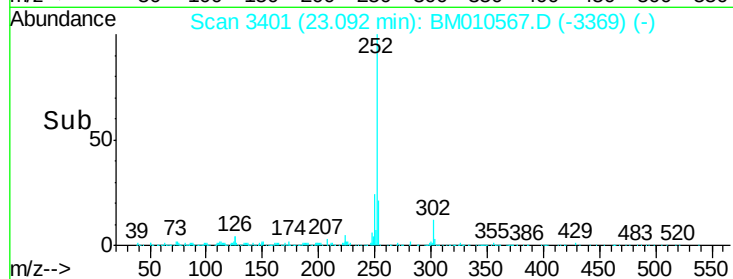
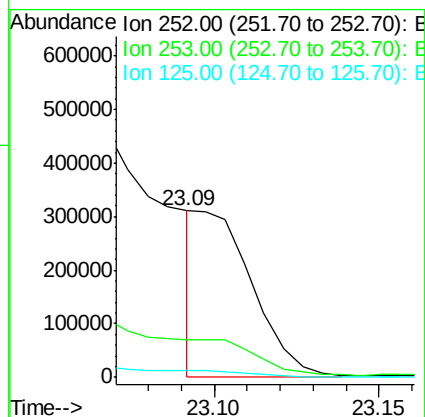
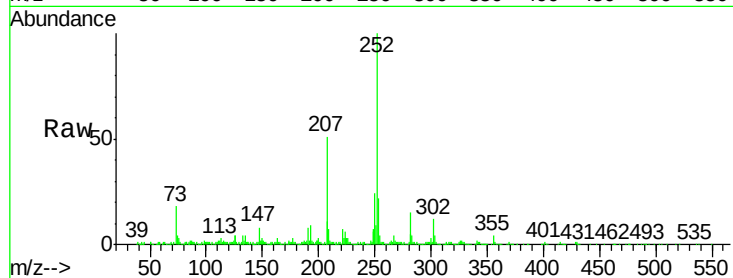
#86
Benzo(k)fluoranthene
Concen: 5.50 ng/ul m
RT: 23.09 min Scan# 3401
Delta R.T. -0.01 min
Lab File: BM010567.D
Acq: 13 Jun 2017 19:19

Instrument :
BNA_M
ClientSampleId :
F5C78DL

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	361266		
253	22.4	17.1	25.7	
125	4.3	3.4	5.2	

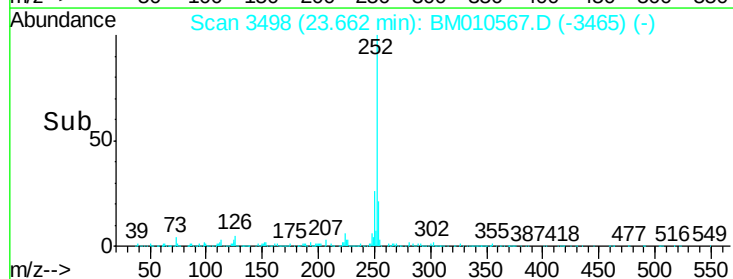
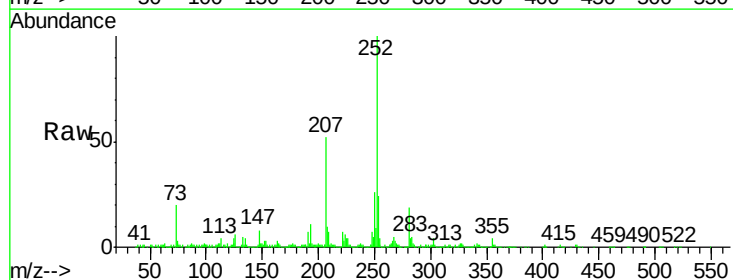
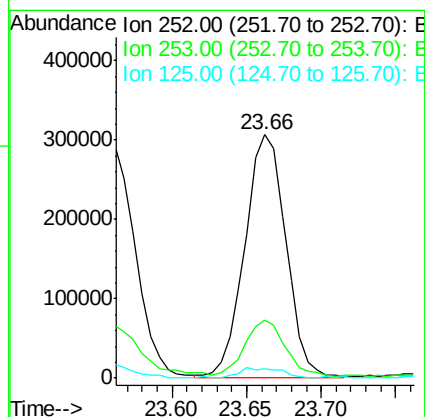
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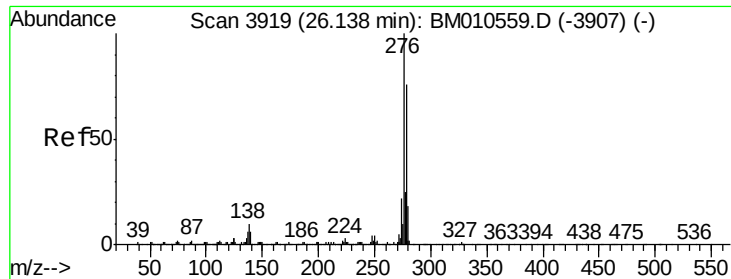
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#88
Benzo(a)pyrene
Concen: 8.61 ng/ul m
RT: 23.66 min Scan# 3498
Delta R.T. -0.01 min
Lab File: BM010567.D
Acq: 13 Jun 2017 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	587442		
253	23.7	18.2	27.2	
125	3.9	4.0	6.0	





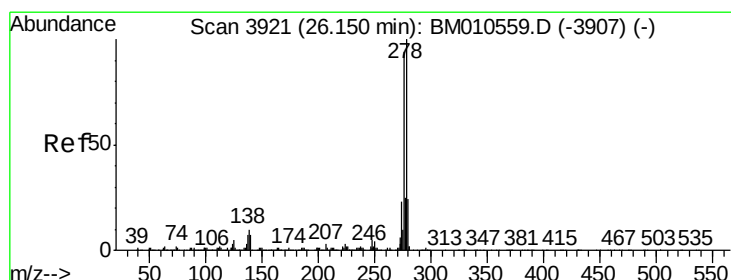
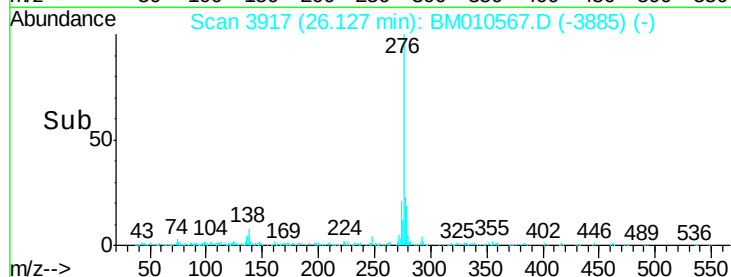
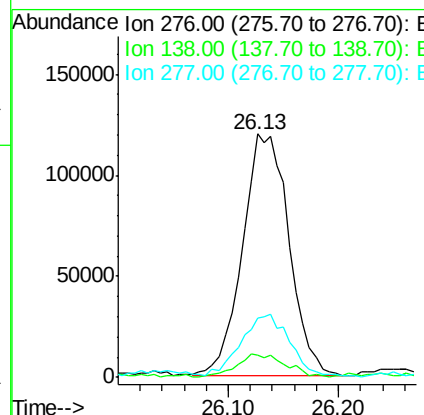
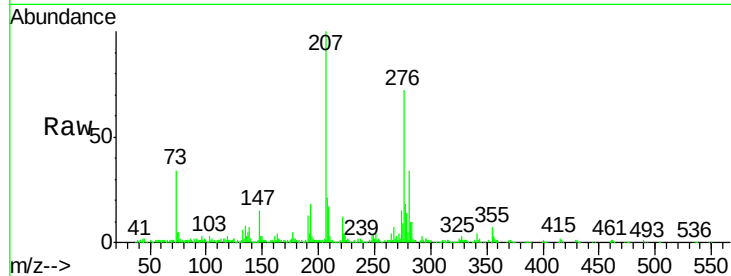
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Indeno(1,2,3-cd)pyrene
Concen: 4.10 ng/ul
RT: 26.13 min Scan# 3917
Delta R.T. -0.01 min
Lab File: BM010567.D
Acq: 13 Jun 2017 19:19

Instrument :
BNA_M
ClientSampleId :
F5C78DL

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	353671		
138	9.1	9.3	13.9#	
277	24.4	19.9	29.9	

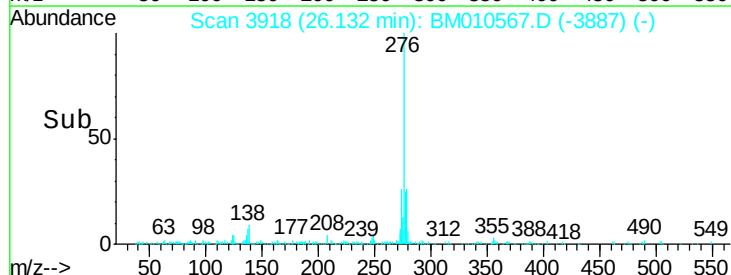
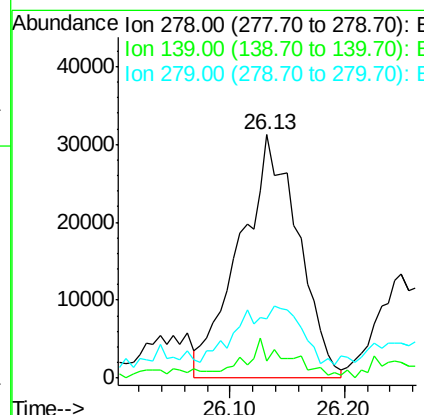
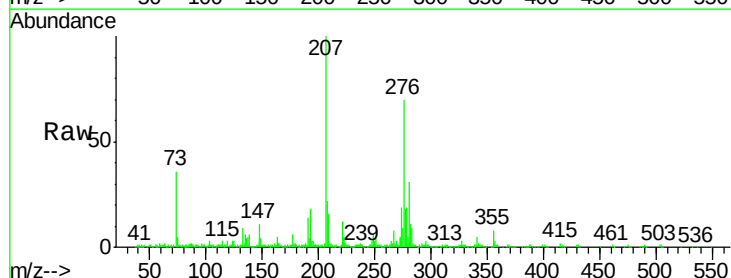
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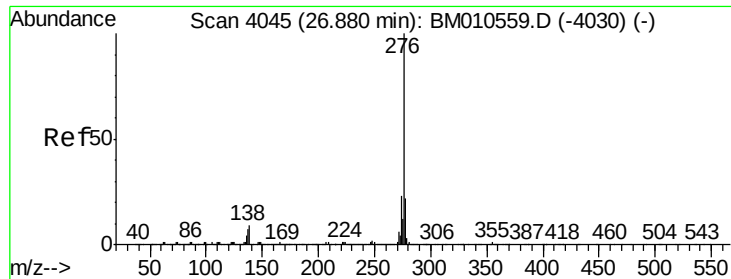
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#90
Dibenzo(a,h)anthracene
Concen: 1.49 ng/ul m
RT: 26.13 min Scan# 3918
Delta R.T. -0.02 min
Lab File: BM010567.D
Acq: 13 Jun 2017 19:19

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	110939		
139	7.1	5.8	8.8	
279	24.5	18.6	27.8	





#91
 Benzo(g,h,i)perylene
 Concen: 3.35 ng/ul
 RT: 26.87 min Scan# 4044
 Delta R.T. -0.01 min
 Lab File: BM010567.D
 Acq: 13 Jun 2017 19:19

Instrument :
 BNA_M
 ClientSampleId :
 F5C78DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	8.4	8.5	12.7#
277	25.1	18.6	28.0

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